

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph starting at line 7 of page 5 of the specification with the following amended paragraph:

The liquid is led in through the inlet of the homogenization valve 20 and when it reaches the valve seat 2 the liquid is distributed so that it partly passes through the central throughflow channel 4 and partly through the channel 5. Thereafter, the liquid passes through each respective homogenization gap 12 and 13 and a first part of the homogenization takes place. In the passage, a very rapid pressure drop down to 0 Mpa is obtained, at the same time as the speed of liquid increases, which results in the liquid beginning to boil.

Please replace the paragraph starting at line 15 of page 5 of the specification with the following amended paragraph:

When the liquid from the two homogenization gaps 12 and 13 departs from the gaps 12 and 13, they will meet at high speed in a second part of the homogenization. This contributes to a large extent in improving the homogenization. Once the two flows have converged together, the speed reduces and the pressure once again increases. The liquid stops boiling and the steam bubbles in the liquid implode. The entire process takes place during a few fractions of a second, and in the violent process where the high speed and converging of the two flows into one another give rise to turbulence and cavitation, the fat globules which are to be found in the liquid are sheared or split into smaller particles or globules.